|       |          | Ir       | nd        | ex   | ( ()               | of                            | CI      | ai     | ms      | •                           |            |  |  | _               |          | Application/Control No. |           |    |          |              |                 |     |                      |          |                 |   | Applicant(s)/Patent under Reexamination |                    |          |                 |           |          |  |  |
|-------|----------|----------|-----------|------|--------------------|-------------------------------|---------|--------|---------|-----------------------------|------------|--|--|-----------------|----------|-------------------------|-----------|----|----------|--------------|-----------------|-----|----------------------|----------|-----------------|---|---|--------------------|----------|-----------------|-----------|----------|--|--|
|       |          |          | . —<br>   |      |                    |                               |         |        |         | -<br>  []]]                 |            |  |  |                 |          | 10/613,004              |           |    |          |              |                 |     |                      |          |                 | LIU ET AL.  |   |                    |          |                 |           |          |  |  |
|       |          |          |           |      |                    |                               |         |        |         |                             |            |  |  |                 | Ì        | Examiner                |           |    |          |              |                 |     |                      |          |                 | Art Unit  |   |                    |          |                 |           |          |  |  |
|       |          |          |           |      |                    |                               |         |        |         |                             |            |  |  |                 | $\perp$  | Jean B. Jeanglaude      |           |    |          |              |                 |     |                      |          | 2819            |   |   |                    |          |                 |           |          |  |  |
|       |          | <b>√</b> | Rejected  |      |                    | ]                             |         | -      |         | (Through numer<br>Cancelled |            |  |  | era             | al)      |                         | N         | T  | Non-Elec |              |                 | ted |                      | A        | Appeal          |   |   |                    |          |                 |           |          |  |  |
|       |          | =        | = Allowed |      |                    |                               |         |        |         |                             | Restricted |  |  |                 |          |                         |           | ı  |          | Interfere    |                 |     | nce                  |          | 0               | Objected  |   |                    |          |                 |           |          |  |  |
| Cla   | Claim    |          |           | Date |                    |                               |         |        |         |                             | Claim      |  |  |                 |          | Da                      |           |    |          |              |                 |     | CI                   | aim      |                 | Date  |   |                    |          |                 | _         |          |  |  |
| Final | Original | 5/10/05  |           |      |                    |                               |         |        |         |                             |            | Final  | Original   |                 |          |                         |           |    |          |              |                 |     | Final                | Original |                 |   |   |                    |          |                 |           |          |  |  |
|       | 1        | =        | _         | _    | -                  | ╁                             | ╁       | +      | ╁       | ╁╴                          | ┨          | -  |  | $\vdash$        | +        | +                       | +         | ╁  | +        | +            | Н               |     |                      |          | Н               | $\dashv$  | +-                                      | +                  | ╁        | $\vdash \vdash$ | $\dashv$  | -1       |  |  |
|       | 2        | =        | _         | _    | Т                  | ✝                             | +       | T      | T       | +-                          | 1          |  | t  | H               | $\dashv$ | $\top$                  | $\dagger$ | T  | 1        | T            | Н               |     |                      |          | $\Box$          | 十   | $\top$                                  | 十                  | T        | $\Box$          | $\exists$ | $\neg$   |  |  |
|       | 3        | =        |           |      |                    |                               |         | T      |         |                             | j          |  |  |                 |          |                         |           |    |          |              |                 |     |                      | -        |                 |   |   |                    |          |                 |           |          |  |  |
|       | 4        | =        |           |      |                    |                               |         |        |         |                             | ]          |  |  |                 |          |                         |           |    |          |              |                 |     |                      |          |                 |   |   |                    |          |                 |           |          |  |  |
|       | _5       | =        | _         |      |                    | 上                             | ┸       | ┸      | 丄       | 丄                           |            |  | <u> </u>   | $\sqcup$        | _        | $\perp$                 |           |    | Щ.       | ᆚ_           | Ш               |     |                      |          | Ш               |   | _ _                                     | 丄                  | <u> </u> | Ш               |           |          |  |  |
|       | _6       | =        |           |      |                    | L                             | ↓       | ┸      | $\perp$ | ╽_                          |            |  | ļ  |                 | _        |                         | _ _       | 4_ | <u>.</u> |              | Ш               |     |                      |          | Ш               | _   | _ _                                     |                    | _        | Ш               | $\dashv$  |          |  |  |
| L     | 7        | =        |           |      |                    | $oldsymbol{oldsymbol{\perp}}$ | ╄       | $\bot$ | $\bot$  | ╄                           | -          |  | ļ  | $\sqcup$        | $\dashv$ | -                       | $\bot$    | 4- | 1        | <del> </del> | Ш               |     |                      |          | Ш               | $\perp$   | _                                       | $\perp$            | 1        | $\sqcup$        | _         |          |  |  |
|       | 8        | =        |           |      | <u> </u>           | ┼-                            | +       | +      | ╄       | ┼                           | 4          |  |  | $\vdash$        | -        |                         | -         | +- | +        |              | Н               |     |                      |          |                 | $\dashv$  | +                                       | +                  | ╄        | $\vdash$        | _         | _        |  |  |
|       | 9        | =        | -         |      | -                  | ╀                             | ╁       | +      | ╁—      | ╁                           | 4          | <u> </u>   | <u> </u>   | $\vdash$        | -        | +                       | +         | ╀  | +        | +            | $\vdash$        |     | $\vdash\vdash\vdash$ |          | $\vdash$        | +   | +                                       | +                  | ₩        | H               | $\dashv$  | $\dashv$ |  |  |
| -     | 11       | =        | $\dashv$  |      | -                  | $\vdash$                      | +       | +      | +       | +                           | 1          | <u> </u>   | <del>                                     </del> | $\vdash$        | +        | +                       | +         | +  | ╁        | +            | Н               |     | $\vdash \vdash$      |          | $\vdash \vdash$ | +   | +                                       | +                  | ╫        | $\vdash$        | $\dashv$  | $\dashv$ |  |  |
| -     | 12       | =        | -         |      | -                  | H                             | +       | +-     | ╁       | +                           | 1          | <del>                                     </del> | <del> </del>                                     | $\vdash$        | +        | +                       | +         | +  | ╁┈       | +            | $\vdash \vdash$ |     |                      |          | $\vdash$        | +   | +-                                      | +                  | +        | $\vdash$        | $\dashv$  |          |  |  |
|       | 13       | =        | $\neg$    |      |                    | t                             | +-      | +      | +       | +                           | 1          | $\vdash$   | <u> </u>   | $\vdash \vdash$ | $\dashv$ | $\dashv$                | +         | +- | +        | +            | Н               |     |                      | •        | H               | +   | +                                       | t                  | +        | H               | $\dashv$  |          |  |  |
|       | 14       | =        |           | _    | T                  | T                             | +       | T      | T       | T                           | 1          |  | ·  | $\vdash$        | 十        | +                       | $\dagger$ | T  | +        | +            | H               |     |                      |          | H               | $\top$  | $\top$                                  | $\top$             | T        | Н               | $\dashv$  | •        |  |  |
|       | 15       | Ξ        |           | _    | Γ                  | 1                             | $\top$  | Т      | T       | T                           | 1          |  |  | $\sqcap$        | T        | T                       |           | T  | 1        |              |                 |     |                      | _        | П               | $\top$  | $\top$                                  | T                  |          | П               | $\Box$    |          |  |  |
|       | 16       | =        |           |      |                    |                               |         |        | L       |                             | ]          |  |  |                 |          |                         |           |    |          |              |                 |     |                      |          |                 |   |   |                    |          | $\Box$          | $\dashv$  |          |  |  |
|       | 17       | =        |           |      |                    |                               | Γ       |        | $\Box$  |                             | ]          |  |  |                 |          |                         |           |    |          |              |                 |     |                      |          |                 |   | $\perp$                                 | $oxed{\mathbb{L}}$ | L.       |                 |           |          |  |  |
|       | 18       | =        |           |      |                    |                               |         |        |         |                             |            |  |  |                 |          |                         | $oxed{L}$ |    |          |              |                 |     |                      |          |                 | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | $\perp$                                 |                    |          |                 |           |          |  |  |
|       | 19       | =        | $\Box$    |      | $oxedsymbol{oxed}$ | L                             | $\perp$ | L      | _       |                             | 1          |  |  | Щ               | $\bot$   | $\perp$                 | $\perp$   | L  |          |              | П               |     |                      |          |                 | $\cdot \mathbb{I}$                                |   | L                  |          | П               | ⅃         |          |  |  |
|       | 20       | =        | _         |      | _                  | L                             | ┸       | 1      | 1       |                             | 1          |  |  |                 | 4        | $\perp$                 | 1         | L  | $\perp$  |              | Ц               |     |                      |          | $oxed{oxed}$    |   |   | $\perp$            | <u> </u> | Ш               | $\Box$    | _]       |  |  |
| 1     | 21       | =        | - 1       |      | l                  | 1                             | 1       | 1      | 1       | i                           | 1          | l  | I  | 1               | - 1      | - 1                     | - 1       | 1  | 1        | 1            | 1               |     |                      |          | 1               |   | - 1                                     | 1                  | 1        | ıl              | . 1       | - 1      |  |  |

24 = 25 = 26 = 27 =

28 = 29 = 30 = 31 = 32 = 33 = 34 = 35 = 36 = 37 = 38 = 39 =